

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 06868/005002	SERIAL NO. 08/984,900
	APPLICANT D'Apice et al.		
	FILING DATE 12/04/97	GROUP 1643	

JUN 2 1998

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
522	AL	WO 94/21799	29 Sep 94	PCT				
522	AM	WO 94/02616	3 Feb 94	PCT				
522	AN	WO 91/13985	19 Sep 91	PCT				
522	AO	WO 88/07548	6 Oct 88	PCT				
522	AP	WO 93/16729	2 Sep 93	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

522	AQ	Sandrin et al., <u>Proc. Natl. Acad. Sci. USA</u> , 90:11391-11395 (1993)
522	AR	Liu et al., <u>Int. J. Dev. Biol.</u> , 39:639-644 (1995)
522	AS	Matsui et al., <u>Cell</u> , 70:841-847 (1992)

RECEIVED
JUN 30 1998
GROUP 1800

EXAMINER Shin-Lin Chen	DATE CONSIDERED 3-22-99
---------------------------	----------------------------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
512	BL	WO 92/07581	14 May 92	PCT			
512	BM	WO 90/08188	26 Jul 90	PCT			
512	BN	WO 90/03432	5 Apr 90	PCT			
512	BO	EP 235805	9 Sep 87	Europe			
512	BP	PL 7854	11 Oct 94	Australia			
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
512	BQ	Sandrin et al., <u>Immunological Reviews</u> , 141:169-190 (1994)-					
512	BR	Gustafsson et al., <u>Immunological Reviews</u> , 141:59-70 (1994)					
512	BS	Galili, <u>Immunology Today</u> , 14:480-482 (1993)					
EXAMINER				DATE CONSIDERED			
Shin-Lin Chen				3-22-99			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
562	CL	WO 91/19796	26/12/91	PCT			
562	CM	2011784	03/08/90	Canada			
	CN						
	CO						
	CP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
562	CQ	Larsen et al, <u>Proc. Natl. Acad. Sci. USA</u> , 86:8227-8231 (1989)					
562	CR	Fletcher et al., <u>J. of Exp. Medicine</u> , 174:837-845 (1991)					
562	CS	Samal et al., <u>Biochimica et Biophysica Acta</u> , 1260:27-34 (1995)					
EXAMINER Shin-Lin Chen				DATE CONSIDERED 3-22-97			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
 JUN 30 1998
 GROUP 1643

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 06868/005002	SERIAL NO. 08/984,900
	APPLICANT D'Apice et al.		
	FILING DATE 12/04/97	GROUP 1643	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

562	DQ	Willson et al., <u>European J. of Biochem.</u> , 204:21-30 (1992)
562	DR	Gough et al. <u>Proc. Natl. Acad. Sci.</u> , 85:2623-2627 (1988)
562	DS	Gearing et al., <u>Nucleic Acids Res.</u> , 16:9857 (1988)

RECEIVED
JUN 30 1998
GROUP 1643

EXAMINER	Shin-Lin Chen	DATE CONSIDERED	3-22-99
----------	---------------	-----------------	---------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA						
	EB						
	EC						
	ED						
	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	EL						
	EM						
	EN						
	EO						
	EP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
62	EQ	Moreau et al., <u>Nature</u> , 336:690-692 (1988)				RECEIVED JUN 30 1998 GROUP 1800	
62	ER	Gearing et al., <u>Bio/Technology</u> , 7:1157-1161 (1989)					
62	ES	Yamamori et al., <u>Science</u> , 246:1412-1416 (1989)					
EXAMINER		Shin-Lin Chen			DATE CONSIDERED 2-22-99		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA						
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	FL						
	FM						
	FN						
	FO						
	FP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
gic	FQ	Lowe et al., <u>DNA</u> , 8:351-359 (1989)					
gic	FR	Stahl et al., <u>J. Biol. Chem.</u> , 265:8833-8841 (1990)					
gic	FS	Vaughan et al., <u>Transplantation</u> , 58:879-882 (1994)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-99</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
JUN 30 1998
GROUP 1800

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	GA						
	GB						
	GC						
	GD						
	GE						
	GF						
	GG						
	GH						
	GI						
	GJ						
	GK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	GL						
	GM						
	GN						
	GO						
	GP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
500	GQ	Latinne et al., <u>Immunological Reviews</u> , 141:95-125 (1994)					
500	GR	Soares et al., <u>Transplantation</u> , 57:1003-1009 (1994)					
500	GS	Soares et al., <u>Transplantation</u> , 56:1427-1433 (1993)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-99</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	HA						
	HB						
	HC						
	HD						
	HE						
	HF						
	HG						
	HH						
	HI						
	HJ						
	HK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	HL						
	HM						
	HN						
	HO						
	HP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
416	HQ	Gambiez et al., <u>Transplantation</u> , 54:577-583 (1992)					
416	HR	Oriol et al., <u>Transplant International</u> , 7:405-413 (1994)					
416	HS	Hale et al., <u>Blood</u> , 62:873-882 (1983)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-97</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	IA						
	IB						
	IC						
	ID						
	IE						
	IF						
	IG						
	IH						
	II						
	IJ						
	IK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	IL						
	IM						
	IN						
	IO						
	IP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
966	IQ	Dabkowski et al., <u>Transplant. Proc.</u> , 25:2921 (1993)					
666	IR	Paulson et al., <u>J. Biol. Chem.</u> , 264:17615-17618 (1989)					
666	IS	Joziassse et al., <u>J. Biol. Chem.</u> , 267:5534-5541 (1992)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-99</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED

JUN 30 1998

GROUP 1806

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	JA						
	JB						
	JC						
	JD						
	JE						
	JF						
	JG						
	JH						
	JI						
	JJ						
	JK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	JL						
	JM						
	JN						
	JO						
	JP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
41c	JQ	Thomas et al., <u>Cell</u> , 51:503-512 (1987)					
46c	JR	Capecchi, <u>Trends in Genetics</u> , 5:70-76 (1989)					
46c	JS	Jung et al., <u>Science</u> , 259:984-987 (1993)					
EXAMINER Shih-Lin Chen				DATE CONSIDERED 3-22-99			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
JUN 30 1998
GROUP 1800

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	KA						
	KB						
	KC						
	KD						
	KE						
	KF						
	KG						
	KH						
	KI						
	KJ						
	KK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	KL						
	KM						
	KN						
	KO						
	KP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
400	KQ	Joziassse et al., <u>J. Biol. Chem.</u> , 264:14290-14297 (1989) ..					
400	KR	Brinster et al., <u>Proc. Nat. Acad. Sci. USA</u> , 86:7087-7091 (1989)					
500	KS	Rathjen et al., <u>Cell</u> , 62:1105-1114 (1990)					
EXAMINER				DATE CONSIDERED			
Shin-Lin Chen				3-22-99			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED

JUN 30 1998

GROUP 1811

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	LA						
	LB						
	LC						
	LD						
	LE						
	LF						
	LG						
	LH						
	LI						
	LJ						
	LK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	LL						
	LM						
	LN						
	LO						
	LP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
400	LQ	Galili, <u>The Lancet</u> , pp. 358-60, August 12, 1989					
400	LR	Thall et al., <u>Autoimmunity</u> , 10:81-87 (1991)					
400	LS	Good et al., <u>Transplant. Proc.</u> , 24:559-62 (1992)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-99</i>			
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED JUN 30 1998 GROUP 1800 </div>							
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	MA						
	MB						
	MC						
	MD						
	ME						
	MF						
	MG						
	MH						
	MI						
	MJ						
	MK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	ML						
	MM						
	MN						
	MO						
	MP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
66	MQ	Galili, <u>Springer Sem. Immunopathol.</u> , 15:155-71 (1993)					
76	MR	Galili, <u>Xeno</u> , 2:84-87 (1994)					
86	MS	Resnick et al., <u>Nature</u> , 359:550-551 (1992)					
EXAMINER				DATE CONSIDERED			
Shin-Lin Chen				3-22-99			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	NA						
	NB						
	NC						
	ND						
	NE						
	NF						
	NG						
	NH						
	NI						
	NJ						
	NK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	NL						
	NM						
	NN						
	NO						
	NP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
62c	NQ	Capecchi, M.R., (ed.), <u>Molecular Genetics of Early Drosophila and Mouse Development</u> pp. 39-44 (Cold Springs Harbor Lab. Press, 1989)					
61c	NR	Jaenisch, R., <u>Science</u> , 240:1468-1474 (1988)					
60c	NS	Laus, et al., <u>Int. Archs Allergy Appl. Immun.</u> , 85:201-207 (1988)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-99</i>			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
JUN 30 1998
GROUP 1800

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 06868/005002	SERIAL NO. 08/984,900
	APPLICANT D'Apice et al.		
	FILING DATE 12/04/97	GROUP 1643	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	OA						
	OB						
	OC						
	OD						
	OE						
	OF						
	OG						
	OH						
	OI						
	OJ						
	OK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	OL							
	OM							
	ON							
	OO							
	OP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

46	OQ	Hendricks, S.P., et al., <u>J. Bio. Chem.</u> , 265:17621-17626 (1990)
46	OR	Platt, J.L., et al., <u>Transplantation</u> , 50:817-822 (1990)
46	OS	Galili, U., et al., <u>J. Bio. Chem.</u> , 263:17755-17762 (1988)

RECEIVED

JUN 30 1998

GROUP 1800

EXAMINER	Shin-Lin Chen	DATE CONSIDERED	3-22-99
----------	---------------	-----------------	---------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	PA						
	PB						
	PC						
	PD						
	PE						
	PF						
	PG						
	PH						
	PI						
	PJ						
	PK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	PL						
	PM						
	PN						
	PO						
	PP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
502	PQ	Smith, D.F., et al., <u>J. Fed. Am. Soc. Exp. Biol.</u> , 4:A1979 (1990)					
502	PR	Hindsgaul, D., et al., <u>J. Bio. Chem.</u> , 266:17858-17862 (1991)					
502	PS	Cooper, D.K.C., et al., <u>Transplantation Proceedings</u> , 24:566-571 (1992)					
EXAMINER <i>Shin-Lin Chen</i>				DATE CONSIDERED <i>3-22-99</i>			
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED JUN 30 1998 GROUP 1800 </div>							
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 06868/005002	SERIAL NO. 08/984,900
	APPLICANT D'Apice et al.		
	FILING DATE 12/04/97	GROUP 1643	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QA						
QB						
QC						
QD						
QE						
QF						
QG						
QH						
QI						
QJ						
QK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
QL							
QM							
QN							
QO							
QP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

512	QQ	Cooper, D.K.C., et al., <u>Xeno-transplantation</u> , pp. 47-99, 170-178, 312-321, 429-438, 500-510,
		(Springer-Verlag Berlin Heidelberg, 1991)
512	QR	Platt, J.L., et al., <u>Immunology</u> , 3:735-739 (1991)
512	QS	Miyagawa, S., et al., <u>Transplantation Proceedings</u> , 21:520-521 (1989)
EXAMINER		Shin-Lin Chen
DATE CONSIDERED		3-22-99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED
JUN 30 1998
GROUP 1800

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	RA						
	RB						
	RC						
	RD						
	RE						
	RF						
	RG						
	RH						
	RI						
	RJ						
	RK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	RL						
	RM						
	RN						
	RO						
	RP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
462	RQ	Platt, J.L., et al., <u>Immunology Today</u> , 11:450-456 (1990)					
464	RR	Ware, C.B., et al., <u>Biology of Reproduction (Supplement)</u> , 38:129 (1988)					
466	RS	Piedrahita, J.A., <u>Theriogenology</u> , 29:286 (1988)					
EXAMINER Shin-Lin Chun				DATE CONSIDERED 3-22-99			
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED JUN 30 1998 GROUP 1800 </div>							
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	SA						
	SB						
	SC						
	SD						
	SE						
	SF						
	SG						
	SH						
	SI						
	SJ						
	SK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	SL						
	SM						
	SN						
	SO						
	SP						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
52	SQ	Thompson, S., et al., <u>Cell</u> , 56:313-321 (1989)					
52	SR	Zimmer, A., et al., <u>Nature</u> , 338:150-153 (1989)					
52	SS	Capecchi, M.R., <u>Science</u> , 244:1288-1292 (1989)					
EXAMINER				DATE CONSIDERED			
Shin-Lin Chen				3-22-99			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED

JUN 30 1998

GROUP 1800

Substitute Disclosure Form (PTO-1449)

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06868/005002		SERIAL NO. 08/984,900	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT D'Apice et al.			
				FILING DATE 12/04/97		GROUP 1643	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	TA						
	TB						
	TC						
	TD						
	TE						
	TF						
	TG						
	TH						
	TI						
	TJ						
	TK						
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
	TL						
	TM						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
462	TN	Kidd, V.J., et al., <u>J. Cell Biochem. (Suppl.)</u> , p. 200 (1988)					
	TO						
	TP						
	TQ						
	TR						
EXAMINER Shin-Lin Chen				DATE CONSIDERED 3-22-99			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED

JUN 30 1998
GROUP 1800